

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E99788

Participation : CTR

Employer : The Boeing Company

Status : Unaffected

Worksite : The Boeing Company - Kent Space Center

Survey Type : Online

Street : 20403 68th St S

Response Rate : 77%

Jurisdiction : City of Kent

Survey Date : 5/8/2016

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 13.6%

Drive Alone Rate : 86.4%

One-Way VMT per employee : 15.4

Average One-Way distance home to work : 17.3

Employees and Survey Response Information

Reported Total Employees at Worksite : 1,588

Surveys Distributed : 1,232

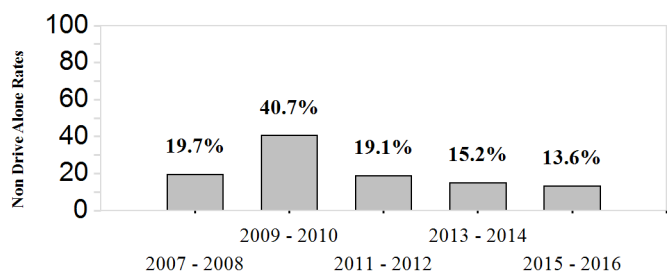
Surveys Returned : 945

Surveys Returned by CTR Affected* Employees : 814

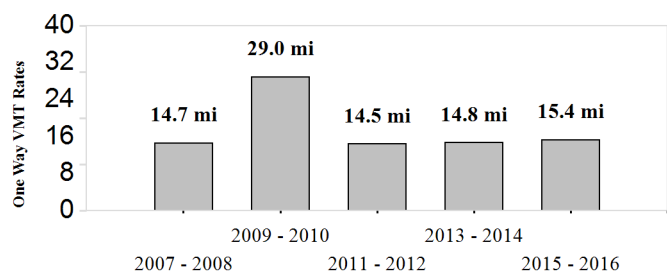
Total Estimated CTR Affected Employees at Worksite : 1,061

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

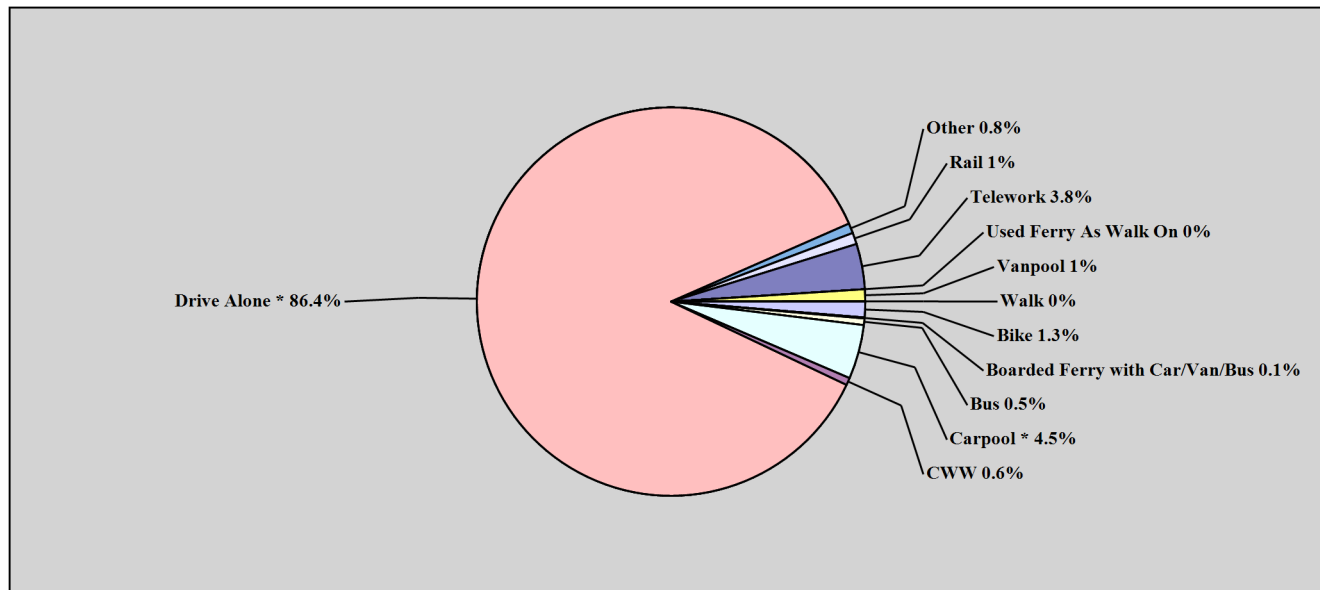
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	19.7%	18.4%	6460	13691	76.0	14.7	14.0
2009 - 2010	21.2%	21.2%	5442	12027	66.8	14.6	14.6
2009 - 2010	19.5%	20.0%	4102	8627	47.9	14.4	14.1
2011 - 2012	19.1%	19.3%	2134	8882	49.3	14.5	14.1
2013 - 2014	15.2%	15.5%	3289	7378	41.0	14.8	14.3
2015 - 2016	13.6%	14.7%	2987	5019	27.9	15.4	14.8
2017 - 2018	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Target	24.1%				Target:	11.6	
% Point Change Target:	4.4				% Change Target:	-21.1%	
% Point Change from Baseline:	-6.1				% Change from Baseline:	4.8%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



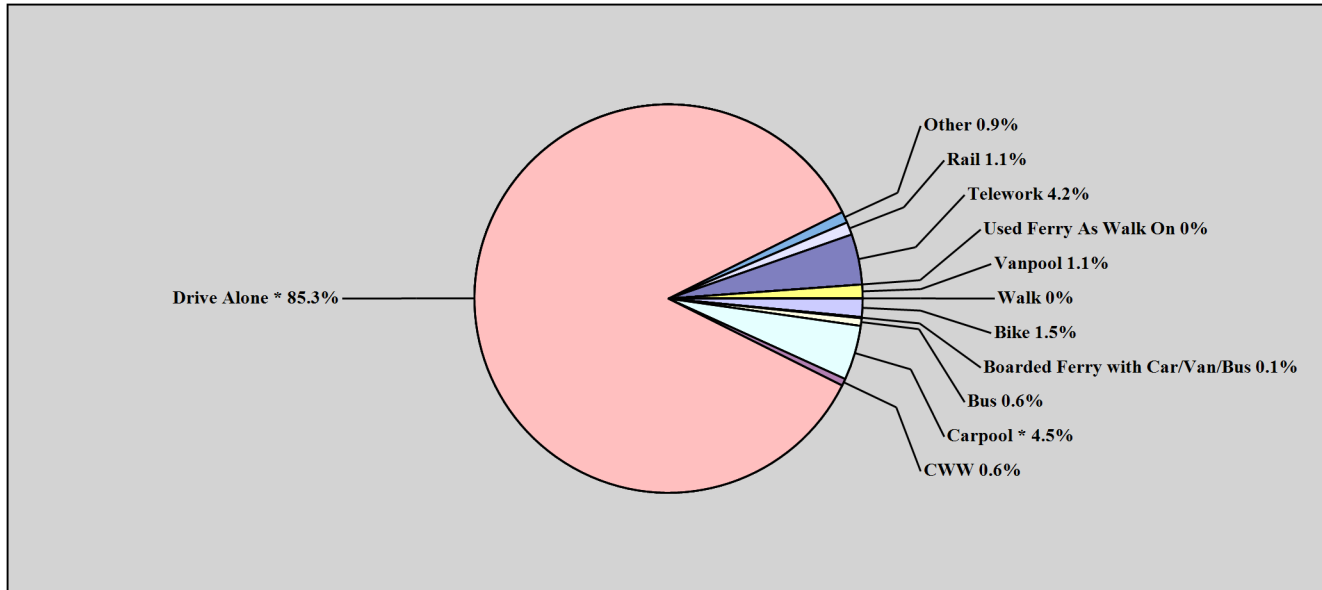
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	3,979	86.4%	84.8%	890	94.2%	92.0%
Carpool *	208	4.5%	4.9%	58	6.1%	7.6%
Vanpool	46	1.0%	1.7%	12	1.3%	2.0%
Bus	25	0.5%	0.5%	9	1.0%	0.6%
Rail	44	1.0%	1.2%	12	1.3%	1.5%
Bike	60	1.3%	0.6%	22	2.3%	1.1%
Walk	1	0.0%	0.1%	1	0.1%	0.3%
Telework	174	3.8%	5.0%	108	11.4%	12.7%
CWW	28	0.6%	0.7%	25	2.6%	2.8%
Boarded Ferry with Car/Van/Bus	4	0.1%	0.1%	1	0.1%	0.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	38	0.8%	0.5%	14	1.5%	0.7%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	3,375	85.3%	84.5%	761	93.5%	92.2%
Carpool *	180	4.5%	5.0%	51	6.3%	7.9%
Vanpool	45	1.1%	1.6%	11	1.4%	2.0%
Bus	25	0.6%	0.5%	9	1.1%	0.7%
Rail	42	1.1%	1.3%	11	1.4%	1.7%
Bike	60	1.5%	0.6%	22	2.7%	1.2%
Walk	1	0.0%	0.1%	1	0.1%	0.3%
Telework	166	4.2%	5.2%	102	12.5%	13.4%
CWW	23	0.6%	0.5%	21	2.6%	2.4%
Boarded Ferry with Car/Van/Bus	4	0.1%	0.0%	1	0.1%	0.1%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	37	0.9%	0.5%	13	1.6%	0.7%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	712	75%	945	100%
1 Days	83	9%	233	25%
2 Days	50	5%	150	16%
3 Days	19	2%	100	11%
4 Days	23	2%	81	9%
5 Days	54	6%	58	6%
6 or More Days	4	0%	4	0%

Count by Occupancy of Carpools and Vanpools

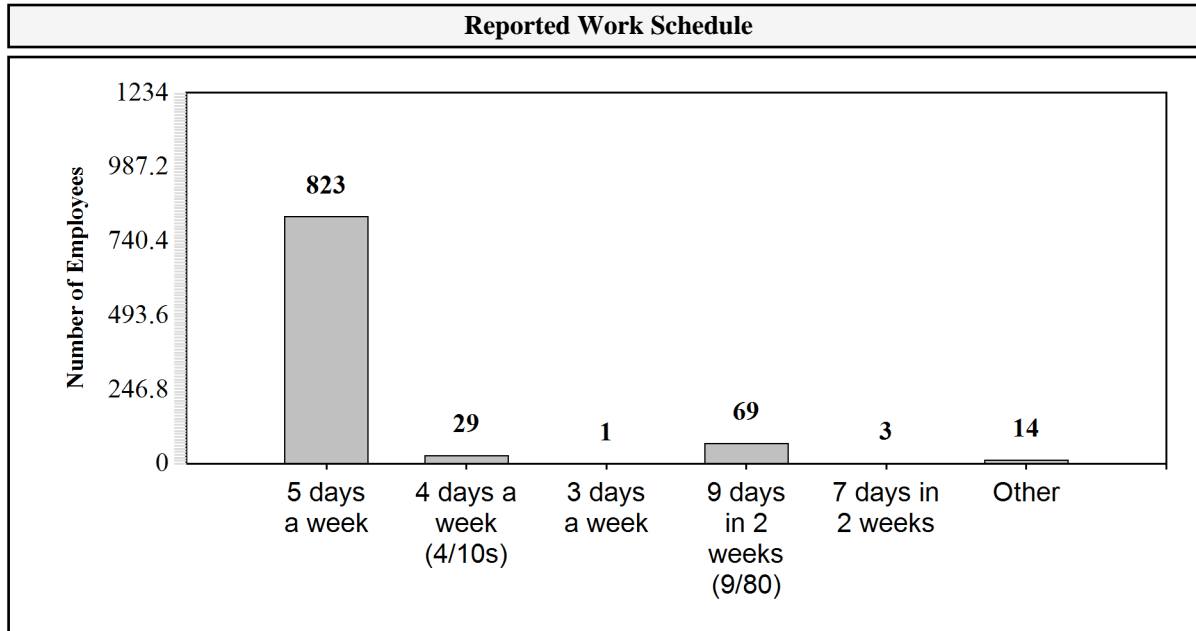
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	199
3	Carpool	7
4	Carpool	0
5	Carpool	0
>5	Carpool	2
<5	Vanpool	6
5	Vanpool	15
6	Vanpool	1
7	Vanpool	9
8	Vanpool	15
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

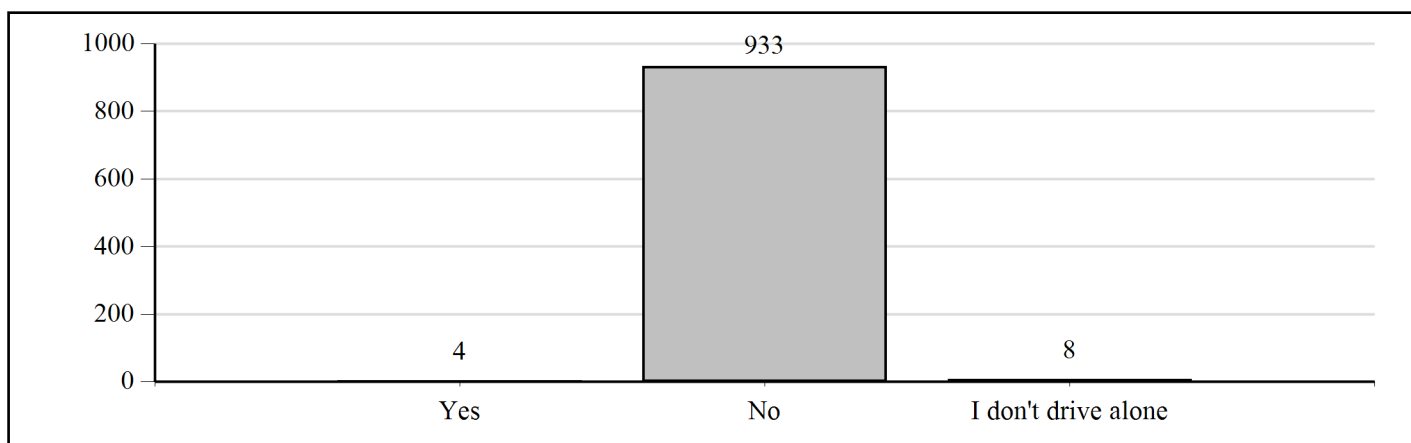
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	823	87.6%
4 days a week (4/10s)	29	3.1%
3 days a week	1	0.1%
9 days in 2 weeks (9/80)	69	7.3%
7 days in 2 weeks	3	0.3%
Other	14	1.5%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	4	0.4%
I don't telework	465	49.2%
Occasionally, on an as-needed basis	347	36.7%
1-2 days/month	43	4.6%
1 day/week	48	5.1%
2 days/week	23	2.4%
3 days/week	15	1.6%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	297	18.3%
Personal health or well-being	224	13.8%
Other	209	12.9%
To save money	200	12.3%
To save time using the HOV lane	153	9.4%
Environmental and community benefits	133	8.2%
Financial incentives for carpooling, bicycling or walking.	103	6.4%
Driving myself is not an option	102	6.3%
Free or subsidized bus, train, vanpool pass or fare benefit	96	5.9%
Emergency ride home is provided	59	3.6%
Cost of parking or lack of parking	25	1.5%
Preferred/reserved carpool/vanpool parking is provided	14	0.9%
I receive a financial incentive for giving up my parking space	7	0.4%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	634	26.7%
I like the convenience of having my car	600	25.3%
Family care or similar obligations	281	11.8%
Other	243	10.2%
My commute distance is too short	229	9.7%
My job requires me to use my car for work	170	7.2%
Bicycling or walking isn't safe	161	6.8%
I need more information on alternative modes	42	1.8%
There isn't any secure or covered bicycle parking	13	0.5%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98042	78	8.25%	340	13	0	3	0	0	12	0	12	2	0	0	2
98058	49	5.19%	223	0	0	4	0	0	3	0	5	1	0	0	0
98092	48	5.08%	203	11	0	2	0	0	0	0	9	2	0	0	8
98038	40	4.23%	169	12	0	5	0	0	0	0	7	0	0	0	1
98059	39	4.13%	176	12	0	4	0	0	0	0	0	0	0	0	0
98031	33	3.49%	145	0	0	0	0	0	5	0	1	0	0	0	0
98198	28	2.96%	126	3	0	0	0	0	1	0	1	1	0	0	0
98003	25	2.65%	106	10	0	1	2	0	1	0	3	0	0	0	0
98030	25	2.65%	105	7	0	1	0	0	5	0	7	0	0	0	0
98391	25	2.65%	93	5	0	0	0	11	0	0	11	0	0	0	0
98001	24	2.54%	95	10	0	1	0	0	8	0	2	0	0	0	0
98006	24	2.54%	105	0	0	3	0	0	0	0	5	3	0	0	0
98023	22	2.33%	99	10	0	0	0	0	0	0	1	0	0	0	0
98032	20	2.12%	92	0	2	4	3	0	2	0	1	1	0	0	2
98056	20	2.12%	87	0	0	3	0	0	2	0	5	0	0	0	0
98055	19	2.01%	77	4	0	0	0	0	0	0	7	1	0	0	0
98374	19	2.01%	59	15	0	6	0	0	0	0	3	3	0	0	6
98372	16	1.69%	70	0	0	0	0	4	5	0	1	0	0	0	0
98371	15	1.59%	52	8	0	0	0	6	0	0	7	1	0	0	0
98166	14	1.48%	62	0	0	2	3	0	0	0	0	1	0	0	0
98422	14	1.48%	62	4	0	3	0	0	0	0	1	0	0	0	0
98116	12	1.27%	54	0	0	0	4	0	0	0	2	0	0	0	0
98022	11	1.16%	46	0	0	8	0	0	0	0	0	1	0	0	0
98390	11	1.16%	38	2	0	3	0	4	5	0	4	0	0	0	0
98027	10	1.06%	40	10	0	0	0	0	2	0	4	0	0	0	0
98029	10	1.06%	36	3	4	0	0	0	0	0	6	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98103	9	0.95%	34	4	4	0	0	0	0	0	4	0	0	0	0
98188	9	0.95%	31	10	0	0	0	0	0	0	1	0	0	0	1
98002	7	0.74%	30	0	0	0	0	0	4	0	0	0	0	0	0
98004	7	0.74%	28	5	0	0	0	0	2	0	0	0	0	0	0
98010	7	0.74%	36	0	0	0	0	0	0	0	0	0	0	0	0
98033	7	0.74%	24	0	3	0	0	0	0	0	2	1	0	0	0
98115	7	0.74%	22	5	5	0	0	0	0	0	1	2	0	0	0
98178	7	0.74%	28	0	0	0	0	0	0	0	0	0	0	0	4
98321	7	0.74%	27	5	0	5	0	0	0	0	0	0	0	0	0
98335	7	0.74%	29	2	0	0	0	0	0	0	0	0	0	0	0
98338	7	0.74%	32	2	0	0	0	0	0	0	0	0	0	0	0
98051	6	0.63%	26	0	0	4	0	0	0	0	0	0	0	0	0
98106	6	0.63%	18	5	0	1	1	0	0	0	1	0	0	0	0
98117	6	0.63%	23	0	5	0	0	0	0	0	1	0	0	0	0
98125	6	0.63%	16	2	0	0	0	0	1	0	6	1	0	0	2
98360	6	0.63%	24	0	0	0	0	4	0	0	0	0	0	0	0
98136	5	0.53%	23	0	0	0	0	0	0	0	1	0	0	0	0
98168	5	0.53%	27	0	0	0	0	0	0	0	0	0	0	0	0
98375	5	0.53%	20	0	0	0	0	4	0	0	1	0	0	0	0
98467	5	0.53%	20	0	0	0	0	3	0	0	2	0	0	0	0
	4	0.42%	19	0	0	0	0	0	0	0	0	1	0	0	0
98053	4	0.42%	20	0	0	0	0	0	0	0	0	0	0	0	0
98074	4	0.42%	19	0	0	0	0	0	0	0	0	0	0	0	0
98107	4	0.42%	10	0	4	0	3	0	0	0	1	2	0	0	0
98109	4	0.42%	19	0	0	0	0	0	0	1	0	0	0	0	0
98332	4	0.42%	14	0	0	2	0	0	0	0	5	0	0	0	0
98387	4	0.42%	17	0	0	0	0	0	0	0	2	0	0	0	0
98008	3	0.32%	14	0	0	0	0	0	0	0	0	0	0	0	0
98034	3	0.32%	15	0	0	0	0	0	0	0	2	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98036	3	0.32%	8	2	0	0	0	0	0	0	5	0	0	0	0
98040	3	0.32%	9	0	0	0	0	0	0	0	0	0	0	0	5
98052	3	0.32%	15	0	0	0	0	0	0	0	0	0	0	0	0
98075	3	0.32%	16	0	0	0	0	0	0	0	0	0	0	0	0
98112	3	0.32%	7	0	0	0	3	0	0	0	0	0	0	0	0
98122	3	0.32%	15	0	0	0	0	0	0	0	0	0	0	0	0
98144	3	0.32%	15	0	0	0	0	0	0	0	0	0	0	0	0
98146	3	0.32%	15	0	0	0	0	0	0	0	0	0	0	0	0
98148	3	0.32%	13	0	0	0	0	0	0	0	3	0	0	0	0
98290	3	0.32%	12	0	0	0	0	0	0	0	3	0	0	0	0
98296	3	0.32%	11	3	0	0	0	0	0	0	1	0	0	0	0
98349	3	0.32%	5	5	5	0	0	0	0	0	0	0	0	0	0
98404	3	0.32%	14	0	0	0	0	0	0	0	1	0	0	0	0
98443	3	0.32%	10	0	0	0	0	0	0	0	0	0	0	0	0
98445	3	0.32%	13	0	0	0	0	0	0	0	2	0	0	0	0
98012	2	0.21%	7	0	0	0	0	0	0	0	2	0	0	0	0
98024	2	0.21%	9	0	0	0	0	0	0	0	1	0	0	0	0
98026	2	0.21%	5	0	0	0	0	0	0	0	0	0	0	0	0
98037	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
98047	2	0.21%	8	0	0	2	0	0	0	0	0	0	0	0	0
98065	2	0.21%	8	0	0	0	0	0	0	0	2	0	0	0	0
98077	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
98105	2	0.21%	5	0	5	0	0	0	0	0	0	0	0	0	0
98108	2	0.21%	5	5	0	0	0	0	0	0	0	0	0	0	0
98110	2	0.21%	3	0	0	0	0	0	0	0	3	0	4	0	0
98118	2	0.21%	8	0	0	0	0	0	0	0	0	1	0	0	0
98119	2	0.21%	5	0	0	0	0	0	0	0	1	0	0	0	0
98121	2	0.21%	7	0	0	0	0	0	0	0	4	0	0	0	0
98133	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98177	2	0.21%	10	0	0	0	0	0	0	0	1	0	0	0	0
98208	2	0.21%	5	4	0	0	0	0	0	0	1	0	0	0	0
98329	2	0.21%	8	0	0	0	0	0	0	0	2	0	0	0	0
98373	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
98385	2	0.21%	7	0	0	0	0	0	0	0	0	0	0	0	0
98407	2	0.21%	10	0	0	0	0	0	0	0	0	0	0	0	0
98446	2	0.21%	9	0	0	0	0	0	0	0	0	0	0	0	0
98513	2	0.21%	8	0	0	0	0	0	0	0	1	0	0	0	1
98922	2	0.21%	5	0	4	0	0	0	0	0	0	0	0	0	0
96404	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98005	1	0.11%	4	0	0	0	0	0	0	0	1	0	0	0	0
98007	1	0.11%	4	0	0	0	0	0	0	0	0	0	0	0	0
98014	1	0.11%	4	0	0	0	0	0	0	0	1	0	0	0	0
98020	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98028	1	0.11%	0	0	4	0	0	0	0	0	1	0	0	0	0
98057	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98062	1	0.11%	2	0	0	1	0	0	2	0	0	0	0	0	0
98072	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98087	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98101	1	0.11%	0	0	0	0	5	0	0	0	0	0	0	0	0
98102	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98155	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98199	1	0.11%	0	5	0	0	0	0	0	0	0	0	0	0	0
98201	1	0.11%	2	0	0	0	0	0	0	0	0	0	0	0	0
98203	1	0.11%	0	5	0	0	0	0	0	0	0	0	0	0	0
98250	1	0.11%	4	0	0	0	0	0	0	0	1	0	0	0	0
98258	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98271	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98272	1	0.11%	3	0	0	0	0	0	0	0	1	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98275	1	0.11%	4	0	0	0	0	0	0	0	0	1	0	0	0
98328	1	0.11%	7	0	0	0	0	0	0	0	0	0	0	0	0
98354	1	0.11%	7	0	0	0	0	0	0	0	0	0	0	0	0
98355	1	0.11%	0	0	0	0	0	0	0	0	0	2	0	0	0
98367	1	0.11%	0	0	0	0	0	0	0	0	0	0	0	0	6
98403	1	0.11%	4	0	1	0	0	0	0	0	0	0	0	0	0
98406	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98408	1	0.11%	4	0	0	0	0	0	0	0	1	0	0	0	0
98409	1	0.11%	1	0	0	0	1	3	0	0	0	0	0	0	0
98418	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98424	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98444	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98465	1	0.11%	0	0	0	0	0	3	0	0	0	0	0	0	0
98502	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98579	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98580	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98597	1	0.11%	5	0	0	0	0	0	0	0	0	0	0	0	0
98630	1	0.11%	3	0	0	0	0	2	0	0	0	0	0	0	0